

Objective: National Mission for Sustainable Agriculture (NMSA) seeks to transform Indian agriculture into a climate resilient production system through suitable adaptation and mitigation measures in domains of both crops and animal husbandry.

What it does?

- Promotes location specific integrated/Composite Farming Systems;
- Conserve natural resources through appropriate soil and moisture conservation measures;
- Adopt comprehensive soil health management practices;
- Optimize utilization of water resources through efficient water management to expand coverage for achieving 'more crop per drop';
- Develop capacity of farmers & stakeholders

Factual Information:

- Launched under NAPCC (National Action Plan for Climate Change)
- Started in 2010



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Nowcast

Ministry/Department : Ministry of Agriculture (With back end support from Ministry of Earth Sciences i.e. IMD)

Objective: To provide timely alerts on extreme weather conditions to farmers

Project:

- IMD already gives weather forecasts but farmers in the affected areas could not get this information on time hence nowcast launched
- Under this initiative, the extreme weather data originated from IMD is being moved to mKisan portal using a web service.
- From mKisan Portal warnings regarding extreme weather conditions are automatically and instantaneously transmitted by SMS to farmers located in affected district/blocks.